

FIGURE 1

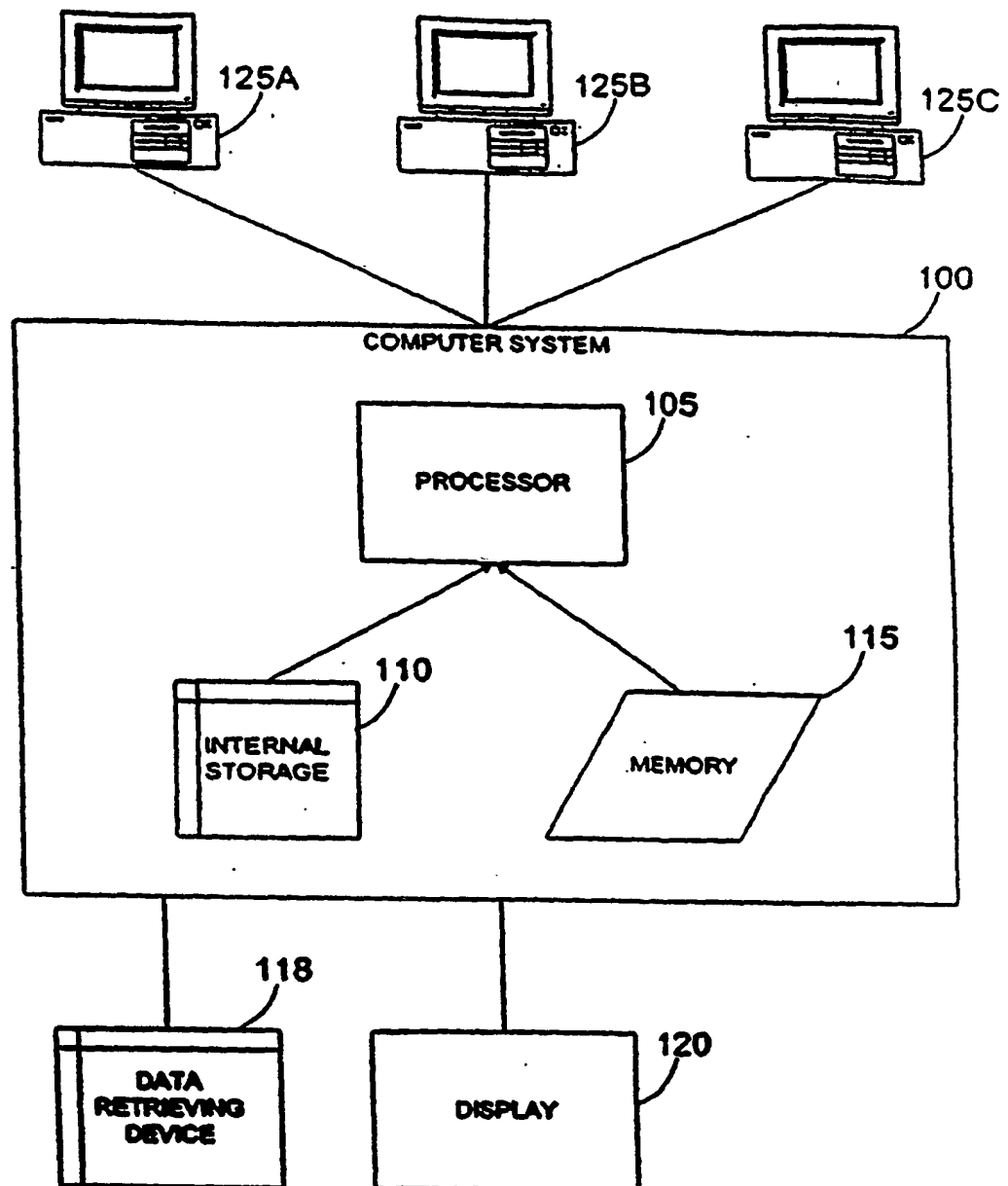


FIGURE 2

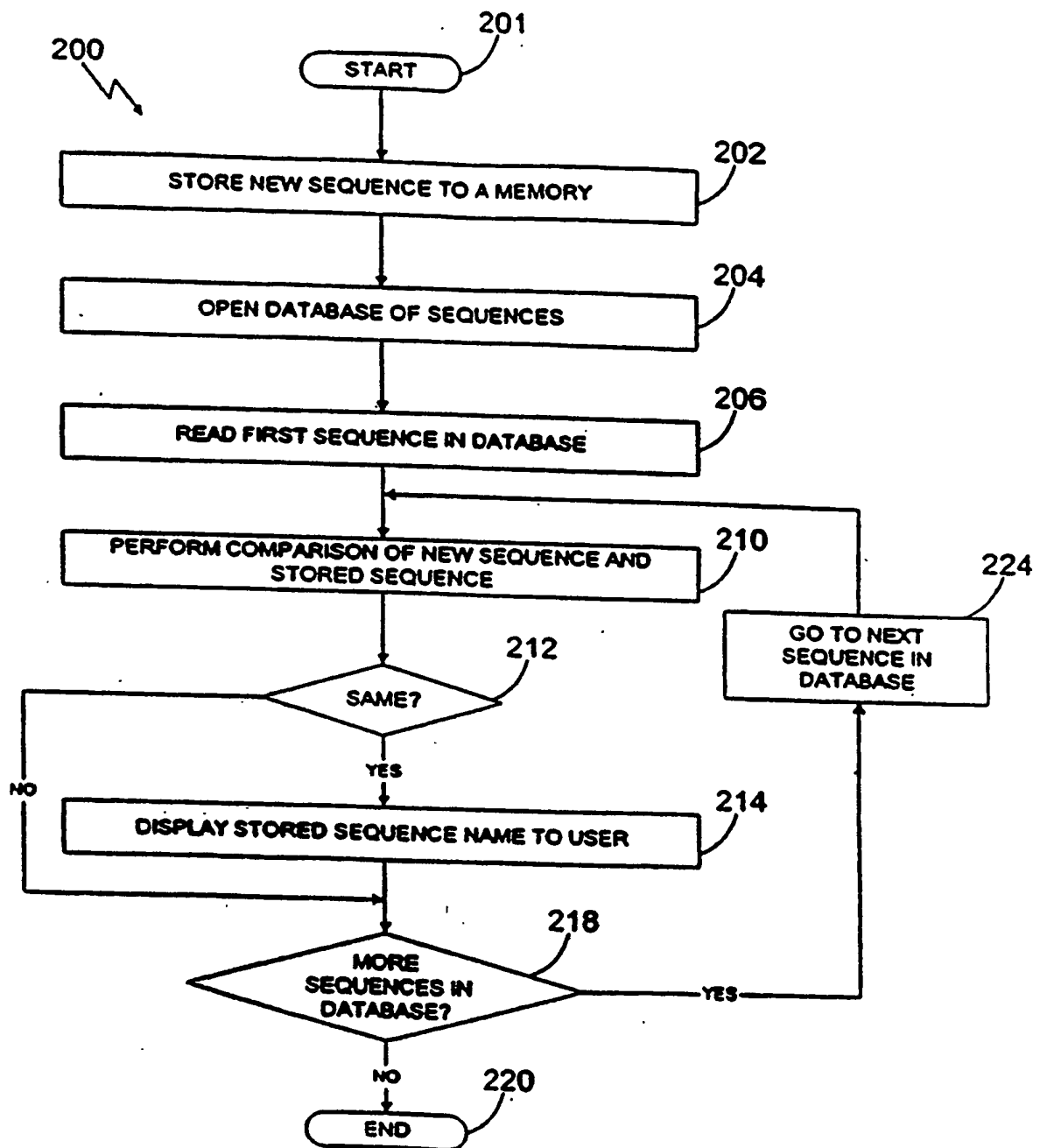


FIGURE 3

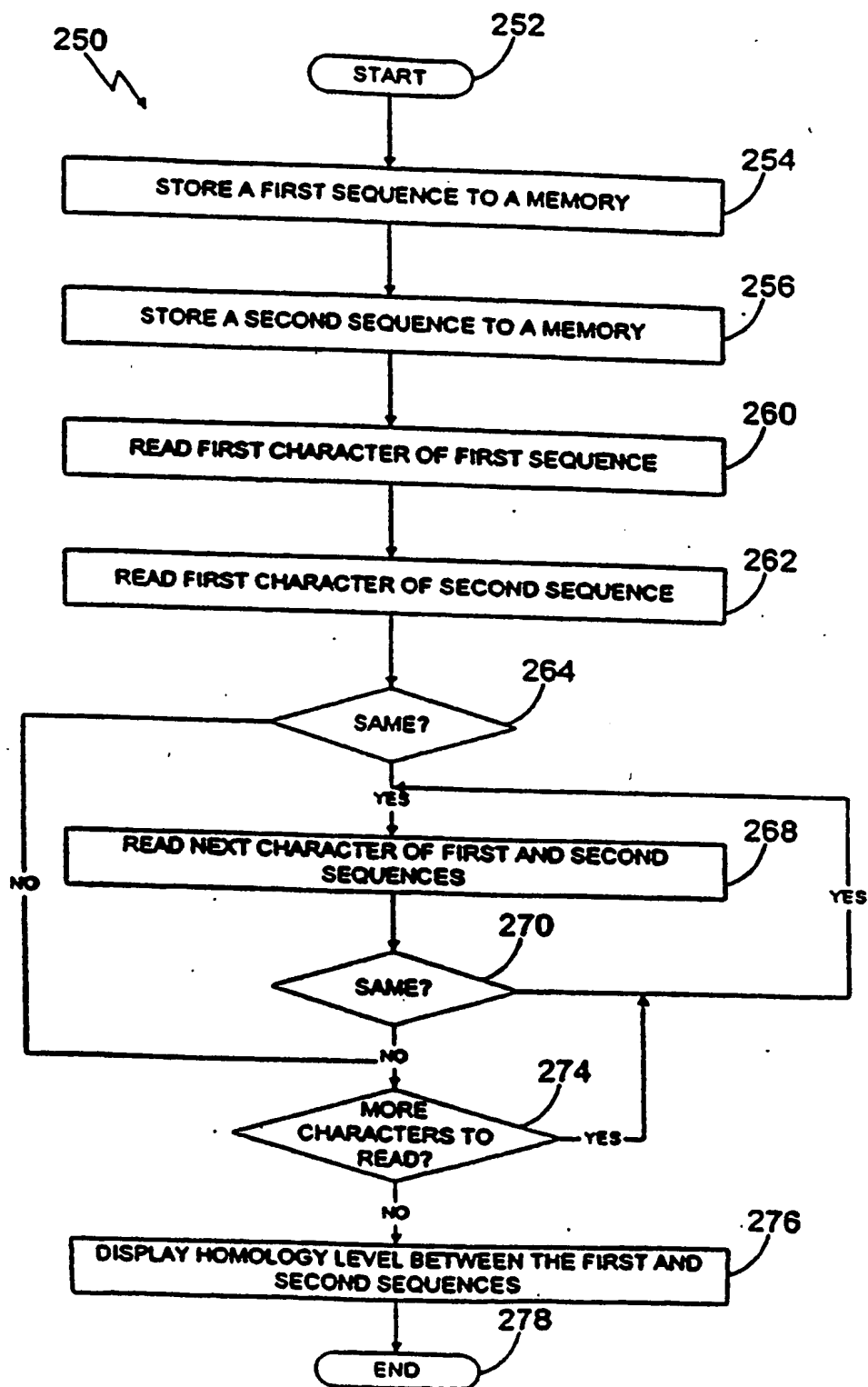


FIGURE 4

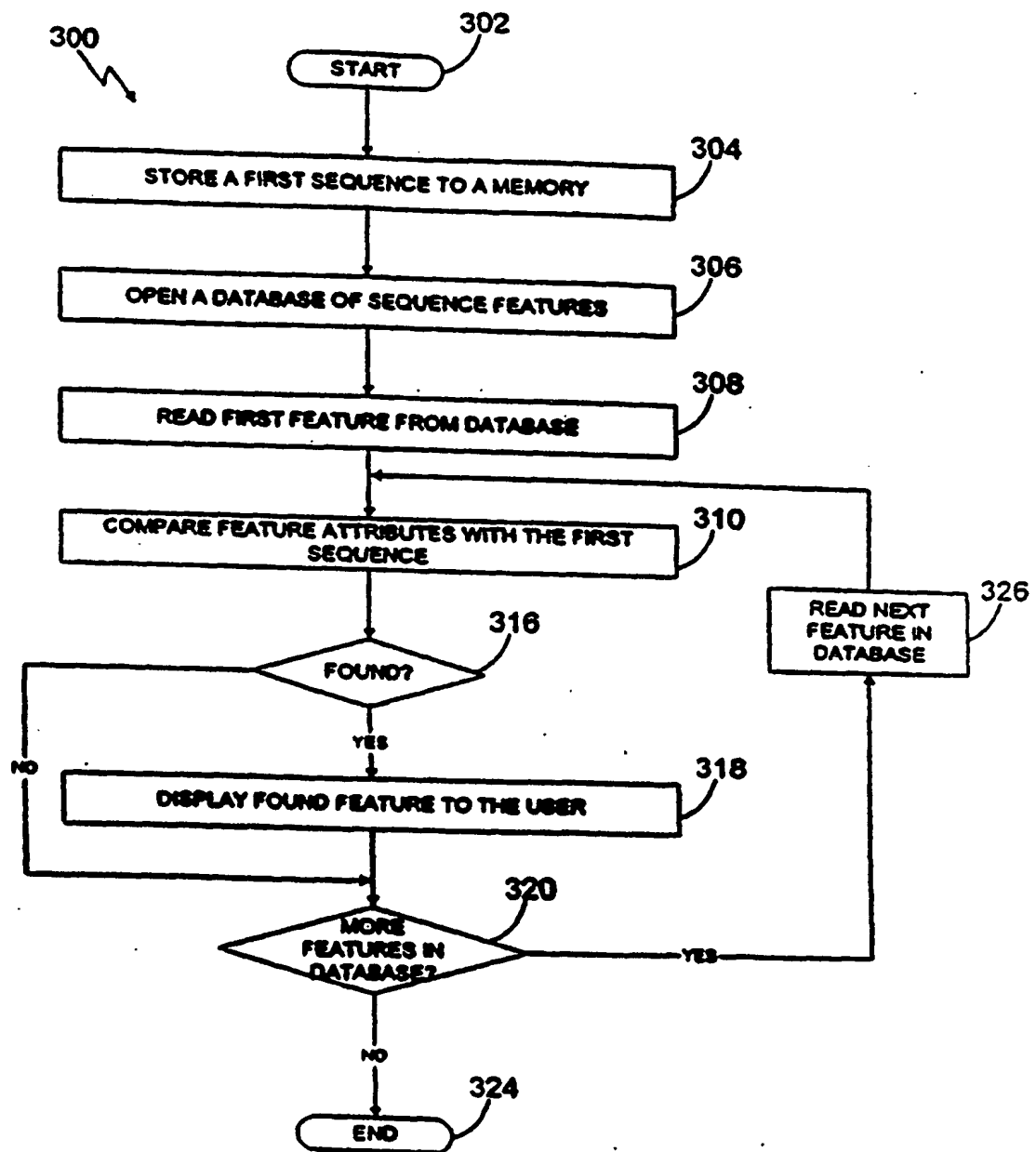


FIGURE 5

SEQ ID NOS	Family	Temp	Time	pH	Significant activities	RA-26	RA-25	RA-23	RA-22	RA-21	RA-20	RA-19	RA-18	RA-17	RA-16	RA-15	RA-14	RA-13	RA-12	RA-11	RA-10	RA-9	RA-8	RA-7	RA-6	RA-5	RA-4	RA-3	RA-2	RA-1	
5		>90°C	t1/2 2 min, 90°C	6 - 8	BBG ⁴ , Lichenan, Mannan, Locust bean gum, Guar, CMC ⁴	³ 0,0,0.007, 0.07, 0.85, 1																									
5, 6																															
161, 162	16	85°C	310 min 100°C	5.5*	BBG	ND																									
59, 60	16	85°C	310 min 100°C	5.5*	BBG	ND																									
67, 68	9	75°C	< 1 min at 85°C	5.5	BBG	0, 0.05, 1, 0.62, 0.15, 0.09																									
105, 106	5	ND	ND	ND	BBG	ND																									
81, 82	16	70°C	<20 min 70°C	5.0-7.0	BBG	³ 0.006, 0.99, 0.96, 1, 0.83																									
175, 176	5	75°C	< 1 min at 85°C	5.5	BBG	0.1, 0.4, 1, 0.76, 0.34, 0.45																									
107, 108	5	ND	ND	ND	BBG	ND																									
221, 222	5	85°C	< 1 min at 95°C	5.5	BBG	0.08, 0.36, 1, 0.52, 0.12, 0.08																									
9, 10	5	85°C	> 2 min at 95°C	5.5	BBG	0.006, 0.17, 1, 0.34, 0.01, 0																									
219, 220	5	ND	ND	ND	BBG	ND																									
103, 104	5	ND	ND	ND	BBG	ND																									
171, 172	16	50°C	< 1 min at 85°C	5.5	BBG	0.21, 0.26, 1, 0.48, 0.24, 0.34																									
137, 138	5	37°C	< 1 min at 85°C	7.0	BBG	0, 0, 0.125, 1, 0.25, 0.125																									
143, 144	5	ND	ND	ND	BBG	ND																									

FIGURE 6

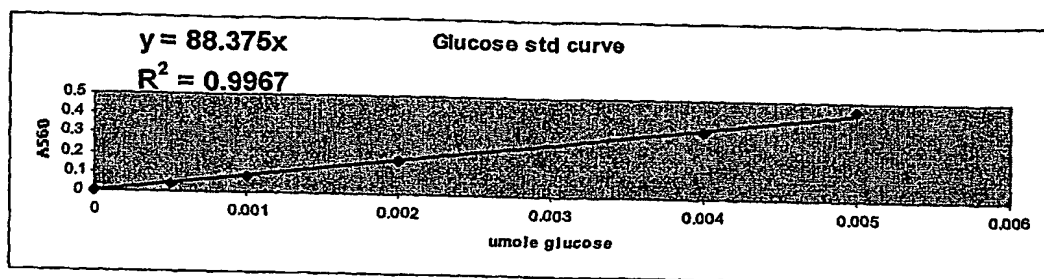


FIGURE 7

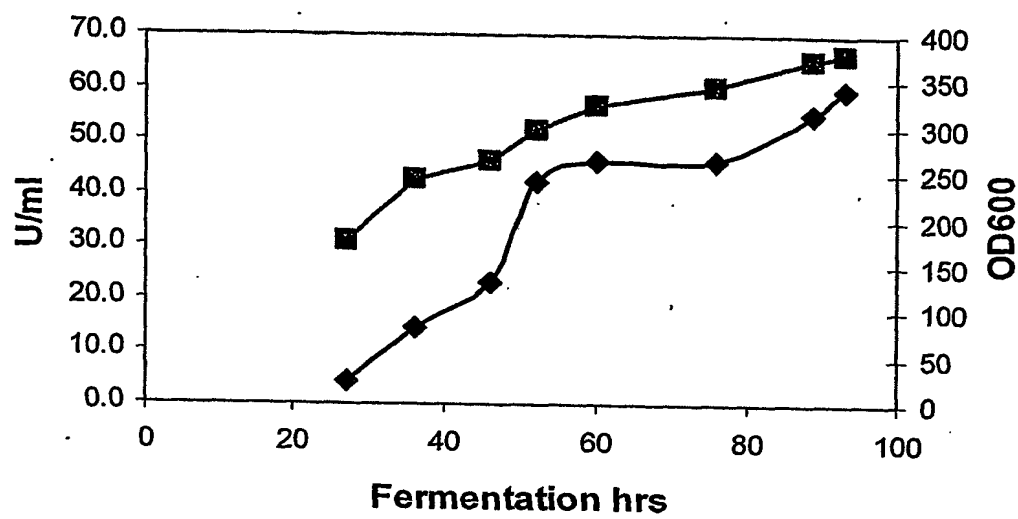


FIGURE 8

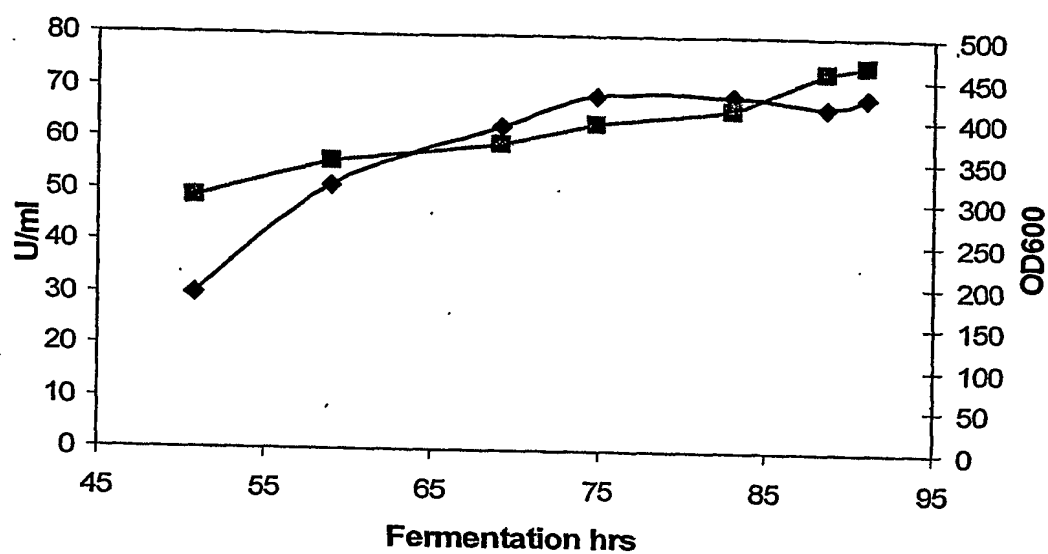


FIGURE 9

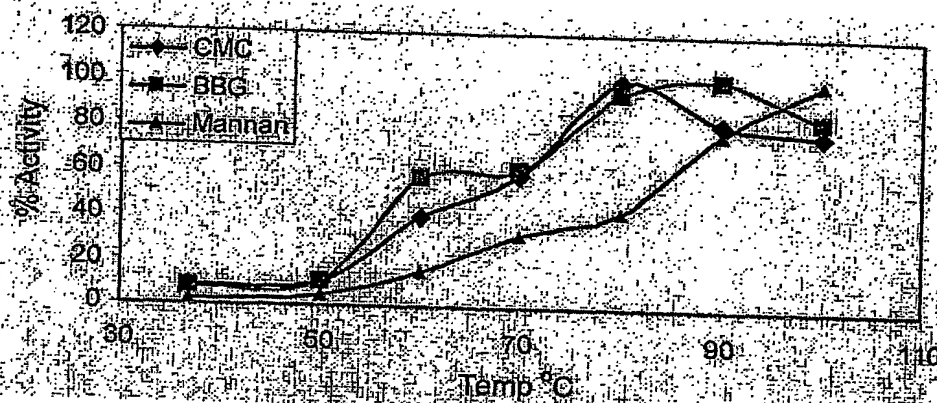


FIGURE 10

